

# **Theme 3-**

## **Monitoring to Establish Aquatic Life Uses, Develop Criteria, and Evaluate Use Attainment**

### **Objectives:**

- **Demonstrate monitoring approaches that help develop designated aquatic life uses, various “criteria” (e.g., water quality, habitat, nutrient), reference conditions, and measures for assessing attainment; and**
- **Cross-fertilization of management and research ideas concerning different approaches to environmental resource monitoring.**

# **Theme 3-**

## **Monitoring to Establish Aquatic Life Uses, Develop Criteria, and Evaluate Use Attainment**

- 1) What is the role of monitoring in the establishment of water quality goals and the “criteria” to protect those goals?**
- 2) What is the role of monitoring in evaluating use attainment?**
- 3) How is the concept of “reference condition” woven throughout the criteria and use attainability issues?**

# **Theme 3**

## **Session 2- Physical Criteria: Habitat/Sediment**

- 1. What are the best indicators to measure for suspended and bedded sediments that would provide the most protection for aquatic life? Should these vary with water body type?**
- 2. How can suspended and bedded sediment indicators or measurements be adjusted for different aquatic life designated uses?**
- 3. What types of practical, reasonable cost quantified habitat indicators can be measured by States and Tribes to help improve protection of habitat and thereby aquatic life?**
- 4. Can quantified habitat indicators be used to set aquatic life designated uses or other aquatic life protection standards?**
- 5. Do you have a case study of where habitat indicators have been measured and used in water quality standards (designated uses or criteria) to better protect aquatic life in water bodies?**
- 6. Do you have a case study of where suspended and bedded sediment indicators have been measured and used in water quality standards (designated uses or criteria) to better protect aquatic life in water bodies?**